



2000 Toxics Release Inventory

KANSAS

Reported Releases and Waste Management Activities (in pounds)

	Original Industry	New Industry	Total
On-site Releases			
Air Emissions	18,105,330	9,226,667	27,331,997
Surface Water Discharges	14,714,597	2,276,940	16,991,536
Underground Injection Class I Wells	1,246,046	2,450	1,248,496
Underground Injection Class II-V Wells	487,659	0	487,659
On-site Land Releases to RCRA Subtitle C Landfills	250	0	250
Other On-site Land Releases	25,165	0	25,165
Other On-site Land Releases	1,631,613	6,947,278	8,578,891
Off-site Releases (Transfers Off-site to Disposal)*			
	10,592,653	422,733	11,015,386
Total On- and Off-site Releases	28,697,983	9,649,399	38,347,383
Recycled On-site	89,415,156	274,604	89,689,760
Recycled Off-site	54,412,415	1,417,171	55,829,587
Energy Recovery On-site	75,720,353	0	75,720,353
Energy Recovery Off-site	3,115,942	112,041	3,227,983
Treated On-site	26,324,094	2,529,385	28,853,479
Treated Off-site**	2,630,151	75,903	2,706,054
Quantity Released On- and Off-site***	30,924,270	9,309,401	40,233,671
Total Production-related Waste Managed	282,542,381	13,718,505	296,260,886
Non-production-related Waste Managed	241,650	7,800	249,450

Transfers Off-site for Further Waste Management/Disposal

	Original Industry	New Industry	Total
Recycling	41,322,796	1,417,353	42,740,150
Energy Recovery	3,127,809	120,951	3,248,760
Treatment	230,682	57,501	288,183
Publicly Owned Treatment Works (POTWs)	2,539,577	459	2,540,036
Metals and Metal Compounds*	55,918	0	55,918
Non-metal TRI Chemicals**	2,483,659	459	2,484,118
Other Off-site Transfers****	0	0	0
Transfers Off-site to Disposal (not including metals to POTWs)	12,793,137	431,643	13,224,780
Total Transfers Off-site for Further Waste Management/Disposal	60,014,001	2,027,908	62,041,909

* Transfers to POTWs of metals and metal compounds are included in off-site releases. Excludes transfer amounts sent for disposal to other TRI facilities reporting that amount released on-site.

** Transfers to POTWs of non-metals are included in treated off-site waste management activity.

*** Excludes non-production-related releases; e.g. releases due to catastrophic events or remedial actions.

**** Transfers reported without a valid waste management code.

For More Information . . .

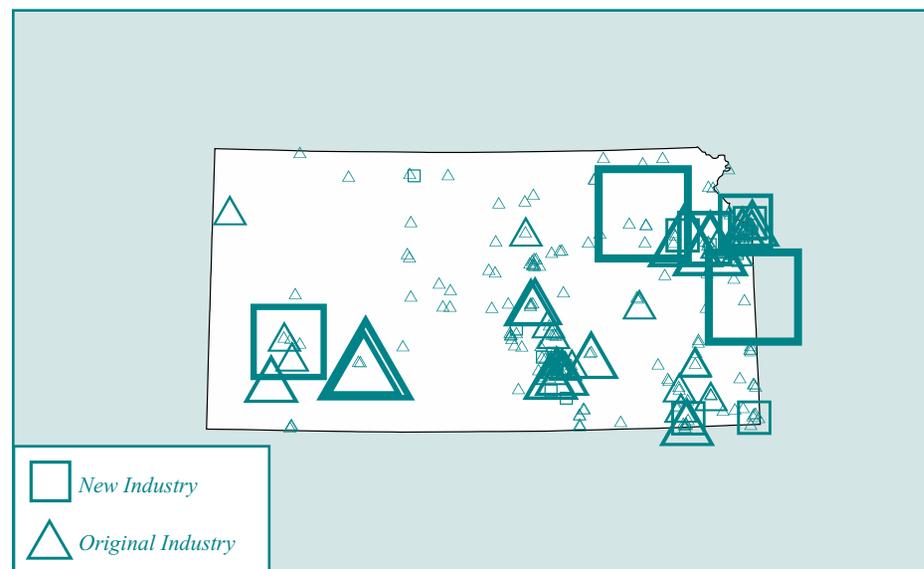
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The largest marker in the state map represents the largest facility for on-site releases in the state of Kansas. All markers are proportionally-sized to represent the on-site releases at each facility within this state.

State/TRI Data

Population	2,691,750
Square Miles	81,823
Total Facilities	292
Total Forms	1,128
Form As	140

	Original Industry	New Industry	Total
National Rank for Total On- and Off-site Releases*			
Rank	26	38	33
Pounds	28,697,983	9,649,399	38,347,383
National Rank for Total On-site Releases**			
Rank	30	36	34
Pounds	18,105,330	9,226,667	27,331,997
National Rank for Total Releases within State***			
Rank	30	38	37
Pounds	19,445,083	9,298,721	28,743,805
National Rank for Production-related Waste Managed			
Rank	25	40	30
Pounds	282,542,381	13,718,505	296,260,886

* Includes transfers out-of-state for disposal. Excludes transfer amounts sent for disposal to other TRI facilities reporting that amount released on-site.

** Includes amounts released at the facility. Excludes amounts transferred to other sites.

*** Excludes transfers for disposal sent out-of-state or sent to other TRI facilities within the state reporting that amount released on-site.



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On-site and Off-site Releases for Top Five Chemicals Ranked on Total Releases in the State (All Chemicals)

CAS Number	Chemical	On-site Releases				Off-site Releases	Total Releases in the State**	Off-site Transfers to Disposal		
		Air Emissions Pounds	Surface Water Discharges Pounds	Underground Injection Pounds	On-site Releases to Land Pounds	Transfers Off-site to Disposal* Pounds		Transferred Into State Pounds	Transferred Within State Pounds	Transferred Out of State Pounds
—	Nitrate compounds	755	1,130,262	3,629	570,942	4,669,543	6,375,131	1	12,521	4,657,022
7697-37-2	Nitric acid	4,163	5	0	1,085	5,818,514	5,823,767	0	25	5,818,489
—	Barium compounds	82,695	1,177	0	5,469,591	280	5,553,743	829	15	265
7664-41-7	Ammonia	3,817,605	84,763	15,800	239,737	909,499	5,067,404	375	77,990	831,759
75-15-0	Carbon disulfide	1,443,145	0	0	0	0	1,443,145	0	0	0

* Excludes amounts transferred to other TRI facilities in the state reporting that amount released on-site.

** The chemical ranking is based on the amounts in this column.

On-site and Off-site Releases for PBT Chemicals Ranked on Total Releases in the State

CAS Number	Chemical	On-site Releases				Off-site Releases	Total Releases in the State**	Off-site Transfers to Disposal		
		Air Emissions Pounds	Surface Water Discharges Pounds	Underground Injection Pounds	On-site Releases to Land Pounds	Transfers Off-site to Disposal* Pounds		Transferred Into State Pounds	Transferred Within State Pounds	Transferred Out of State Pounds
1582-09-8	Trifluralin	1,660.00	0.00	0.00	7,800.00	0.00	9,460.00	1.40	0.00	0.00
1336-36-3	Polychlorinated biphenyls (PCBs)	96.37	0.52	0.00	0.00	8,987.90	9,084.79	0.00	0.00	8,987.90
—	Mercury compounds	2,506.10	0.50	0.00	584.00	8.09	3,098.69	42.30	7.30	0.79
—	Polycyclic aromatic compounds	703.31	13.10	0.00	120.10	34.51	871.02	264.80	34.51	0.00
7439-97-6	Mercury	190.83	0.00	0.00	92.00	155.70	438.53	33.20	1.00	154.70
191-24-2	Benzo(g,h,i)perylene	13.77	6.80	0.00	235.80	15.17	271.54	579.00	15.17	0.00
118-74-1	Hexachlorobenzene	0.00	0.00	8.00	0.00	0.00	8.00	0.00	0.00	0.00
72-43-5	Methoxychlor	0.00	0.00	0.00	0.00	1.60	1.60	0.00	0.00	1.60
—	Dioxin and dioxin-like compounds	0.10	0.00	0.63	0.06	0.00	0.79	0.00	0.00	0.00
—	<i>Dioxin and dioxin-like compounds (in grams)</i>	<i>46.053</i>	<i>0.732</i>	<i>283.787</i>	<i>26.500</i>	<i>1.850</i>	<i>358.922</i>	<i>0.000</i>	<i>0.000</i>	<i>1.850</i>
57-74-9	Chlordane	0.00	0.00	0.00	0.00	0.04	0.04	0.00	0.00	0.04
309-00-2	Aldrin	—***	—	—	—	—	—	—	—	—
76-44-8	Heptachlor	—***	—	—	—	—	—	—	—	—
465-73-6	Isodrin	—***	—	—	—	—	—	—	—	—
29082-74-4	Octachlorostyrene	—***	—	—	—	—	—	—	—	—
40487-42-1	Pendimethalin	—***	—	—	—	—	—	—	—	—
608-93-5	Pentachlorobenzene	—***	—	—	—	—	—	—	—	—
79-94-7	Tetrabromobisphenol A	—***	—	—	—	—	—	—	—	—
8001-35-2	Toxaphene	—***	—	—	—	—	—	—	—	—

* Excludes amounts transferred to other TRI facilities in the state reporting that amount released on-site.

** The chemical ranking is based on the amounts in this column.

*** No reports were submitted for these chemicals.



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On-site and Off-site Releases for Top Ten Facilities Ranked on Total On-site Releases in the State (All Chemicals)

Facility, City, County	On-site Releases						Total On-site Releases* Pounds	Off-site Releases	
	Air Emissions Pounds	Surface Water Discharges Pounds	Underground Injection		On-site Releases to Land			Transferred Within State Pounds	Transferred Out of State Pounds
			Class I Wells Pounds	Class II-V Wells Pounds	RCRA Subtitle C Landfills Pounds	Other On-site Land Releases Pounds			
La Cygne, La Cygne, Linn	312,005	10	0	0	0	2,701,150	3,013,165	10	0
Jeffrey Energy Center, Saint Marys, Pottawatomie	248,798	750	0	0	0	2,170,136	2,419,685	0	0
Farmland Inds. Inc. Dodge City Nitrogen Plant, Dodge City, Ford	2,079,990	0	2,250	0	0	3,110	2,085,350	0	0
Excel Corp., Dodge City, Ford	14,327	788,918	0	0	0	513,775	1,317,020	7,398	2,470
UCB Films Inc., Tecumseh, Shawnee	1,283,023	8,600	0	0	0	500	1,292,123	0	0
Holcomb Unit 1, Holcomb, Finney	338,532	0	0	0	0	913,774	1,252,306	0	0
Farmland Inds. Inc. Lawrence Nitrogen Plant, Lawrence, Douglas	692,722	264,095	0	0	0	1,085	957,902	0	0
GMC Mlco Fairfax Assembly, Kansas City, Wyandotte	760,475	0	0	0	0	0	760,475	380	12,500
Lawrence Energy Center, Lawrence, Douglas	45,788	632	0	0	0	677,078	723,497	0	0
Nearman Creek Power Station, Kansas City, Wyandotte	492,734	0	0	0	0	185,461	678,195	0	82,974

* The facility ranking is based on the amounts in this column; these quantities exclude transfers out of state.

On-site and Off-site Releases for Top Ten Facilities Ranked on Total On-site Releases in the State (PBT Chemicals)

Facility, City, County	On-site Releases						Total On-site Releases* Pounds	Off-site Releases	
	Air Emissions Pounds	Surface Water Discharges Pounds	Underground Injection		On-site Releases to Land			Transferred Within State Pounds	Transferred Out of State Pounds
			Class I Wells Pounds	Class II-V Wells Pounds	RCRA Subtitle C Landfills Pounds	Other On-site Land Releases Pounds			
IBP Inc. Wastewater Treatment, Holcomb, Finney	1,660.00	0.00	0.00	0.00	0.00	7,800.00	9,460.00	0.00	0.00
Jeffrey Energy Center, Saint Marys, Pottawatomie	733.41	0.00	0.00	0.00	0.00	236.30	969.71	0.00	0.00
PQ Corp., Kansas City, Wyandotte	819.00	0.00	0.00	0.00	0.00	0.00	819.00	0.00	0.00
La Cygne, La Cygne, Linn	400.00	0.00	0.00	0.00	0.00	150.00	550.00	0.00	0.00
Apac-Kansas Inc. Shears Asphalt Plant 416, Wichita, Sedgwick	331.27	0.00	0.00	0.00	0.00	0.00	331.27	0.00	0.00
Ash Grove Cement Co., Chanute, Neosho	188.10	0.00	0.00	0.00	0.00	101.06	289.16	3.00	0.57
Holcomb Unit 1, Holcomb, Finney	136.00	0.00	0.00	0.00	0.00	87.00	223.00	0.00	0.00
Tamko Roofing Prods. Inc., Phillipsburg, Phillips	20.00	0.00	0.00	0.00	0.00	201.00	221.00	0.00	0.00
Lafarge Midwest Inc. Systech Environmental, Fredonia, Wilson	194.00	0.00	0.00	0.00	0.00	21.00	215.01	0.00	0.22
Portable Asphalt Apac-Kansas Inc. Shears Plant No. 422, Clayton, Norton	184.16	0.00	0.00	0.00	0.00	0.00	184.16	0.00	0.00

* The facility ranking is based on the amounts in this column; these quantities exclude transfers out of state.



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Total Production-related Waste for Top Ten Facilities Ranked on Quantity Released On- and Off-site (All Chemicals)

Facility, City, County	Recycled On-site Pounds	Recycled Off-site Pounds	Energy Recovery On-site Pounds	Energy Recovery Off-site Pounds	Treated On-site Pounds	Treated Off-site Pounds	Quantity Released On- and Off-site* Pounds	Total Production-related Waste Managed Pounds	Total Non-Production-related Waste Managed Pounds
Jayhawk Fine Chemicals Corp., Galena, Cherokee	10,013	32,792	0	915,097	7,127,398	0	11,690,330	19,775,630	0
La Cygne, La Cygne, Linn	0	0	0	0	1,132,000	207	3,056,550	4,188,757	0
Jeffrey Energy Center, Saint Marys, Pottawatomie	0	0	0	0	1,000,000	0	2,461,039	3,461,039	0
Farmland Inds. Inc. Dodge City Nitrogen Plant, Dodge City, Ford	0	110,000	15,000	0	10,100	0	2,085,210	2,220,310	17,000
Excel Corp., Dodge City, Ford	0	0	0	0	9,060,984	9,870	1,317,020	10,387,874	0
UCB Films Inc., Tecumseh, Shawnee	10,115,000	0	0	15,000	263,500	0	1,279,300	11,672,800	0
Holcomb Unit 1, Holcomb, Finney	0	0	0	0	0	0	1,252,207	1,252,207	0
Farmland Inds. Inc. Lawrence Nitrogen Plant, Lawrence, Douglas	46,368,000	119,584	1,987,813	0	2,591,692	0	936,412	52,003,501	21,290
GMC Mfg Fairfax Assembly, Kansas City, Wyandotte	0	0	0	322,370	114,500	106,300	770,405	1,313,575	0
Boeing Co. Wichita Div., Wichita, Sedgwick	0	6,336,000	0	423,190	247,919	44,550	768,590	7,820,249	0

* The facility ranking is based on the amounts in this column; these quantities exclude non-production-related releases.

Total Production-related Waste for Top Ten Facilities Ranked on Quantity Released On- and Off-site (PBT Chemicals)

Facility, City, County	Recycled On-site Pounds	Recycled Off-site Pounds	Energy Recovery On-site Pounds	Energy Recovery Off-site Pounds	Treated On-site Pounds	Treated Off-site Pounds	Quantity Released On- and Off-site* Pounds	Total Production-related Waste Managed Pounds	Total Non-Production-related Waste Managed Pounds
IBP Inc. Wastewater Treatment, Holcomb, Finney	0	0	0	0	0	0	9,500	9,500	0
Jeffrey Energy Center, Saint Marys, Pottawatomie	0	0	0	0	0	0	1,039	1,039	0
La Cygne, La Cygne, Linn	0	0	0	0	0	0	550	550	0
Apac-Kansas Inc. Shears Asphalt Plant 416, Wichita, Sedgwick	278	0	0	0	0	0	331	609	0
Ash Grove Cement Co., Chanute, Neosho	0	0	0	0	0	0	293	293	0
Holcomb Unit 1, Holcomb, Finney	0	0	0	0	0	0	224	224	0
Tamko Roofing Prods. Inc., Phillipsburg, Phillips	0	0	0	0	0	0	221	221	0
Lafarge Midwest Inc. Systech Environmental, Fredonia, Wilson	0	0	0	0	0	0	214	214	0
Portable Asphalt Apac-Kansas Inc. Shears Plant No. 422, Clayton, Norton	0	0	0	0	0	0	184	184	0
Lawrence Energy Center, Lawrence, Douglas	0	480	0	0	0	0	177	657	0

* The facility ranking is based on the amounts in this column; these quantities exclude non-production-related releases.